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CAIS: Two Year Report

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Communications of the **A**ssociation for **I**nformation **S**ystems

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December 2000

CAIS: YEAR TWO REPORT

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EDITORIAL

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ABSTRACT

This article reports on the activities of CAIS during its first two years and some of the new features that are coming in Year 3. It also announces the availability for CAIS of an index of articles by subject type and a search capability based on keywords. The article contains tables listing of all articles by subject type for the period 1 January 1999 to December 31, 2000

Keywords: CAIS, Annual Report, Subject Index, New Initiatives

I. INTRODUCTION

This report summarizes what the Communications of the Association for Information Systems (CAIS) accomplished in its first two years of publication. The report begins with a description of the people involved – the authors and editors who make the journal possible. It then discusses the new search capabilities available and concludes with the new initiatives being undertaken.

The statistics for the first two years are:

Total Number of Articles Published	78
Number of Different Authors	135

II. AUTHORS AND EDITORS

AUTHORS

We are particularly pleased that 135 different authors have contributed to the journal in its first two years. The authors include:

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CAIS: Two Year Report by Paul Gray

- senior and junior faculty
- people who teach undergraduates, masters, and doctoral students
- those who do research and those who do not
- faculty from large institutions and small institutions
- contributors from 11 countries, including all three regions of AIS

It was the original concept of the journal to attract a broad range of contributors from throughout the world and bring their papers to the wide audience that is the Association for Information Systems. We are pleased that we were able to accomplish this goal.

EDITORS

CAIS maintains 3 levels of editors. The top level, referred to as The Senior Editorial Board, govern both CAIS and our sister journal, JAIS. It is responsible for policy decisions. It consists of Henry C. Lucas, University of Maryland, College Park who is Editor in Chief of all AIS publications, Blake Ives, Louisiana State University, President-Elect of AIS, E. A. (Ted) Stohr, New York University, Reagan Ramsower, Baylor University who is the Publisher of CAIS and JAIS and is editor of IS World News, Phillip Ein-Dor, Editor of JAIS, and Paul Gray, Editor of CAIS.

The second level is an advisory board of senior IS people (Gordon Davis, Ken Kraemer, Richard Mason, Jay Nunamaker, Henk Sol, and Ralph Sprague). Their role is to review the journal's performance and advise on what improvements can be made.

The Editorial Board consists of 28 members whose role is to make accept/reject recommendations on individual manuscripts where "lite" review is requested and to supervise the refereeing of manuscripts where authors request peer review. They are also tasked with soliciting manuscripts where they know interesting work being done. The membership of the Editorial Board was chosen so that it includes faculty at large schools and at small schools; all three regions

of AIS; senior and junior people; men and women; and most areas of work in information systems. Their profile matches our contributors.

The Editors meet twice a year, once at ICIS and once at the American AIS meeting (AM AIS) to review the past six months and to suggest initiatives. For example, the addition of Letters to the Editor is a direct result of one of these meetings.

The Editorial Board was remarkably constant during our first two years. Only one member of the Board asked to be relieved of her duties and that was a case of her promotion to senior administration. It is our intent to begin a process of rotating Board membership so that more individuals can be involved in CAIS. We anticipate that we will make 3-year appointments, which can be renewed.

The contribution of each member of the Board is an important service to CAIS and is greatly appreciated by the Editor.

III. RETRIEVING ARTICLES BY SUBJECT AND KEYWORDS

CAIS is pleased to announce that it created two major indices to allow readers to find articles more quickly:

1. A search capability that finds articles by keywords.
2. A breakdown of articles by type

SEARCH

The search capability can be accessed by selecting "Search" on list of options on the right side of the Table of Contents page:

<http://cais.isworld.org/contents.asp>

The request for search produces the following screen.

Article Search

Search:

☒ Full Text ☐ Keyword

SUBJECT TYPES

As of the end of the second year, the articles are divided into the eight subject types shown in Table 1.

Table 1. CAIS Subjects

SUBJECT TYPE	NUMBER OF ARTICLES
CASES	7
EDITORIAL	4
EDUCATION FOR IS	8
ELECTRONIC COMMERCE	7
KNOWLEDGE MANAGEMENT	5
PROFESSIONAL	13
RESEARCH	26
TUTORIALS	16

The total number of publications is 78. However, the numbers in the table add up to more than 78 since a few articles (e.g., cases in electronic commerce) fall into two categories.

Table 2 through 9 list the articles published by type. As shown in Table 1 above, the types include both specific subject areas (e.g., electronic commerce) and generic categories (e.g., cases). CAIS is particularly proud of the fact that its output includes many articles important to the profession that fall outside the areas published by most other IS journals. They are now accessible to the broad audience of the journal. In particular, CAIS publishes:

- Cases
- Tutorials
- Articles on undergraduate and graduate education in IS
- Articles describing research methodologies
- Opinions on the state of IS

CAIS intends to continue to publish in these areas and invites contributions from our readers. In particular, cases and tutorials help in teaching, as do articles on

new concepts in education. We also believe it important that faculty in IS be involved in thinking through the state of IS. Many of the professional articles that we publish are controversial. CAIS offers a platform where IS faculty can take positions, be they popular or not.

Table 2. Cases

Beginning SAP R/3 Implementation at Geneva Pharmaceuticals	Volume 4 Article 2 August, 2000	Anol Bhattacharjee
Consumer-Centric Reengineering at the Colorado Department of Revenue	Volume 3 Article 16 June, 2000	Anol Bhattacharjee
Reflections on Designing Field Research for Emerging IS Topics: The Case of Knowledge Management	Volume 3 Article 6 March, 2000	Inger V. Eriksson Gary W. Dickson Omar El Sawy
DxR Case Study	Volume 3 Article 5 March, 2000	Carol Saunders, Blake Ives
Shopping.com: When E-Commerce Isn't A Bargain	Volume 2 Article 22 November, 1999	Steven Alter
Manheim Auctions	Volume 1 Article 20 June, 1999	Patrick McKeown Richard T. Watson
Information Technology, Process Reengineering, and Performance Measurement: A Balanced Scorecard Analysis of Compaq Computer Corporation	Volume 1 Article 8 February, 1999	William F. Wright et al.

Table 3. Editorial

CAIS: Two Year Report	Volume 4, Article 15 December 2000	Paul Gray
CAIS and Tenure and Promotion	Volume 4, Article 5 September 2000	Paul Gray
CAIS-The First Year: A Report from the Editor	Volume 2 Article 25 December, 1999	Paul Gray
Welcome to the Communications of the Association for Information Systems	Volume 1 Article 6 January, 1999	Paul Gray

Table 4. Education for IS

Designing the IT Course Within an Executive MBA Program	Volume 3 Article 15 June, 2000	Blaize Horner Reich
Effective Distance Learning Methods as a Curriculum delivery Tool in Diverse University Environments	Volume 4 Article 8 October 2000	Manny C. Aniebonam
MSIS 2000: Model Curriculum and Guidelines for Graduate Degree Programs in Information Systems	Volume 3 Article 1 January, 2000	John Gorgone Paul Gray
Developing and Teaching IS97.2: Personal Productivity with Information Technology	Volume 1 Article 17 June, 1999	Gordon B. Davis. J David Naumann Gove Allen
Developing and Delivering a Data Warehousing and Mining Course	Volume 2 Article 16 September, 1999	Elizabeth M. Pierce
Using ERP Systems in Education	Volume 1 Article 9 February 1999	Edward E. Watson Helmut Schneider
Web-CCAT: a Collaborative Learning Environment for Geographically Distributed Information Technology Students and Working Professionals	Volume 1 Article 12 March, 1999	Donna Dufner Ojoung Kwon Rassule Hadidi
Designing an Electronic Commerce Curriculum	Volume 1 Article 2 January, 1999	Donald J. McCubbrey

Table 5. Electronic Commerce

Electronic Commerce: A Half-Empty Glass?	Volume 3 Article 18 June, 2000	Sasa Dekleva
A Taxonomy of Web Site Traversal Patterns and Structures	Volume 3 Article 17 June, 2000	Mark L. Gillenson, Daniel L. Sherrell Lei-da Chen
The Diffusion of the Internet in a Pro-IT Cultural Environment: A Content Analysis of the Singapore Experience	Volume 2 Article 21 November, 1999	Margaret Tan Thompson S. H. Teo
Manheim Auctions	Volume 1 Article 20 June, 1999	Patrick McKeown Richard T. Watson
Disintermediation and Reintermediation in the U.S. Air Travel Distribution Industry: A Delphi Study	Volume 1 Article 18 June, 1999	Donald J. McCubbrey
Current Technological Impediments to Business-to-Consumer Electronic Commerce	Volume 1 Article 16 June, 1999	Gregory Rose, Huoy Khoo, Detmar Straub
Designing an Electronic Commerce Curriculum	Volume 1 Article 2 January, 1999	Donald J. McCubbrey

Table 6. Knowledge Management

Integrating Knowledge Management Practices Through a Problem Solving Framework	Volume 4 Article 12 November 2000	Peter H. Gray Yolande E. Chan
Web Based Knowledge Infrastructures for the Sciences: An Adaptive Document	Volume 4 Article 1 July, 2000	Alexander Hars
Knowledge Management: A New Idea Or a Recycled Concept?	Volume 3 Article 14 June, 2000	Israel Spiegler
Reflections on Designing Field Research for Emerging IS Topics: The Case of Knowledge Management	Volume 3 Article 6 March, 2000	Inger V. Eriksson Gary W. Dickson Omar El Sawy
Knowledge Management Systems: Issues, Challenges, and Benefits	Volume 1 Article 7 February, 1999	Maryam Alavi Dorothy Leidner

Table 7. Professional

Business School Deans Assess the Current state of the IS Academic Field	Volume 4 Article 4 September 2000	Hugh Watson Rui D. Souza Iris Junglas
Innovative Ways to Connect Information Systems Programs to the Business Community	Volume 3 Article 11 May, 2000	Hugh J. Watson Mark W. Huber
Same Words, Different Meanings: Are Basic IS/IT Concepts Our Self-Imposed Tower Of Babel?	Volume 3 Article 10 April, 2000	Steven Alter
An Evaluation of Research Productivity in Academic IT	Volume 3 Article 7 March, 2000	Susan Athey John Plotnicki
Conceptual Challenges in Contemporary IS Research	Volume 3 Article 4 February, 2000	M. Lynne Markus
Images of Information Systems in the Early 21st Century	Volume 3 Article 3 February, 2000	R. Brent Gallupe
Letters to the Editor -I The Case of/for The Missing User	Volume 2 Letter 1 November, 1999	Jim Sutter Lorne Olfman
An IS Research Relevancy Manifesto	Volume 2 Article 14 September, 1999	Ralph Westfall
Recruiting IT Faculty	Volume 2 Article 13 September, 1999	Martha Myers Cathy Beise
The Journal Review Process: A Manifesto for Change	Volume 2 Article 12 August, 1999	Ron Weber
AIS President's Report - 1998	Volume 2 Article 11 August, 1999	Gordon B. Davis
Leaders Assess the Current State of the Academic IS Discipline	Volume 2 Article 2 July, 1999	Hugh J. Watson et al.
A General, Yet Useful Theory of Information Systems	Volume 1 Article 13 March, 1999	Steven Alter
The State of the Information Systems Field	Volume 1 Article 5 January, 1999	Henry C. Lucas, Jr.

Table 8. Research

Assessing Business-IT Alignment Maturity	Volume 4 Article 14 December 2000	Jerry Luftman
The Structural Impact of Information Technology on the Air Travel Distribution Industry	Volume 4 Article 13 November 2000	Ali Farhoomand
Integrating Knowledge Management Practices Through a Problem Solving Framework	Volume 4 Article 12 November 2000	Peter H Gray Yolande E. Chan
Paradigm Shifts: E-business and Business/Systems Integration	Volume 4 Article 10 November 2000	M. Lynne Markus
A History of Microcomputer Spreadsheets	Volume 4 Article 9 October 2000	Daniel J. Power
Effective Distance Learning Methods as a Curriculum delivery Tool in Diverse University Environments	Volume 4 Article 8 October 2000	Manny C. Aniebonam
Online Grocery Shopping Around the World: Examples of Key Business Models	Volume 4, Article 3 September 2000	Jonathan Palmer et al.
Web Based Knowledge Infrastructures for the Sciences: An Adaptive Document	Volume 4, Article 1 July 2000	Alexander Hars
User Profiles as a Basis for an Electronic Statistical Consulting System	Volume 3 Article 12 May, 2000	Ayelet Berg Israel Spiegler
Challenging Assumptions for Strategic Information Systems Planning: Theoretical Perspectives	Volume 3 Article 9 April, 2000	Ray Hackney, Janice Burn, Gurpreet Dhillon
The Digital Rosetta Stone: A Model for Maintaining Long-term Access to Static Digital Documents	Volume 3 Article 2 January, 2000	Alan R. Heminger Steven Robertson
Legacy Information Systems and Business Process Change: A Patterns Perspective	Volume 2 Article 24 December, 1999	Ashley D. Lloyd Rick Dewar, Rob Pooley
Dimensions of Information Systems Success	Volume 2 Article 20 November, 1999	Peter B. Seddon et al.
Evaluating the Integrated Measurement and Evaluation System IMES: A Success Story	Volume 2 Article 15 September, 1999	Kostas S. Metaxiotis, Athanasios P. Papakonstantinou, John Psarras
The Russian Federation's Y2K Policy: Too Little, Too Late?	Volume 2 Article 10 August, 1999	William McHenry Leonid Malkov
Focus Issue on Legacy Systems Information and Business Process Change: Introduction	Volume 2 Article 9 July, 1999	Christopher P. Holland, Ben Light, Peter Kawalek
Focus Issue on Legacy Information Systems and Business Process Change: Banking on the Old Technology: Understanding the Organisational Context of 'Legacy' Issues	Volume 2 Article 8 July, 1999	Dave Randall et al.
Focus Issue on Legacy Information Systems and Business Process Change: A Business Perspective of Legacy Information Systems	Volume 2 Article 7 July, 1999	Sue Kelly et. al.
Focus Issue on Legacy Information Systems and Business Process Change: Modelling of Organisational Change Using the EKD Framework	Volume 2 Article 6 July, 1999	V. Kavakli, P. Loucopoulos
Focus Issue on Legacy Information Systems and Business Process Change: On the Integrated Design and Evaluation of Business Processes and Information Systems	Volume 2 Article 5 July, 1999	George Giaglis

Focus Issue on Legacy Information Systems and Business Process Change: The Role of Stakeholders in Managing Change	Volume 2 Article 4 July, 1999	Elayne Coakes Tony Elliman
Focus Issue on Legacy Information Systems and Business Process Change: Migrating Large-Scale Legacy Systems to Component-Based and Object Technology: The Evolution of a Pattern Language	Volume 2 Article 3 July, 1999	A.J. O'Callaghan
A Historiographical Examination of Information Systems	Volume 1 Article 19 June, 1999	Ali Farhoomand Don H. Drury
Assessing Risks in Two Projects: A Strategic Opportunity and a Necessary Evil	Volume 1 Article 15 May, 1999	Janis L. Gogan Jane Fedorowicz Ashok Rao
Enablers and Inhibitors of Business- IT Alignment	Volume 1 Article 11 March, 1999	Jerry Luftman Raymond Papp Tom Brier
Adding Value to Key Issues Research Through Q-Sorts and Interpretive Structured Modeling	Volume 1 Article 3 January, 1999	Eduardo M. Morgado Nicolau Reinhard Richard T. Watson

Table 9. Tutorials

Web Security for E-Commerce	Volume 4 Article 11 November 2000	Robert J. Boncella
Structural Equation Modeling and Regression: Guidelines for Research Practice	Volume 4 Article 7 October 2000	David Gefen, Detmar Straub, Marie-Claude Boudreau
Netlaw	Volume 4 Article 6 September 2000	J.P. Shim, Mark G. Simkin, Graham W. Bartlett
Online Grocery Shopping Around the World: Examples of Key Business Models	Volume 4 Article 3 September, 2000	Jonathan Palmer et al.
Cycle Time Reduction: Concepts and Case Studies	Volume 3 Article 13 May, 2000	James C. Wetherbe, Mark N. Frolick
Professional Ethics in Information Systems: A Personal Perspective	Volume 3 Article 8 April, 2000	Robert Davison
Investigating Information Systems with Ethnographic Research	Volume 2 Article 23 December, 1999	Michael D. Myers
Investigating Information Systems with Action Research	Volume 2 Article 19 October, 1999	Richard L. Baskerville
Information Technology as the Enabler of One-to-One Marketing	Volume 2 Article 18 September, 1999	Mark L. Gillenson Daniel L. Sherrell Lei-da Chen
Software Project Management: The Manager's View	Volume 2 Article 17 September, 1999	Jaak Jurison
Year 2000: A Reality Check	Volume 2 Article 1 July, 1999	Leon A. Kappelman
Information Delivery Systems: An Exploration of Web Pull and Push Technologies	Volume 1 Article 14 April, 1999	Julie E. Kendall Kenneth E. Kendall
Multimedia Networks: Fundamentals and Future Directions	Volume 1 Article 10 February, 1999	Nalin Sharda
Using ERP Systems in Education	Volume 1 Article 9 February, 1999	Edward E. Watson Helmut Schneider

Business Information Visualization	Volume 1 Article 4 January, 1999	David P. Tegarden
Networking Support For Mobile Computing	Volume 1 Article 1 January, 1999	Upkar Varshney

IV. ANTICIPATED IMPROVEMENTS

A number of initiatives are currently underway. They include:

1. *Letters*. As mentioned in Section II, a Letters to the Editor category was added. I urge readers to submit letters in response to CAIS articles. Letters are published following the article so that future readers can see not only the article but the response to it as well. The Letters also serve as feedback that helps improve the quality of the Communications.
2. *Cases*. In the past two years, The Communications published seven case studies that can be used for teaching. We plan to increase the number of cases published substantially because of their usefulness to our readers. Remember that cases can be downloaded and distributed for educational purposes by subscribers to CAIS without royalty costs. We anticipate adding a number of people to the Editorial Board with specific responsibility for cases.
3. *Focus "Issues"*. Because of its electronic nature, CAIS publishes articles as soon as they are ready for publication. CAIS does not need to combine articles into 'issues' that are mailed. Yet we would like to publish related articles on a given subject, much like a Focus Issue of a print journal. We have had one such issue, edited by Chris Holland of the University of Manchester. That issue, which dealt with views of legacy systems, came from a meeting in the UK and consisted of eight articles. All the articles in a Focus Issue do not need to appear simultaneously. They can be tied together with a common title. Subscribers are invited to correspond with the editor if they have concepts for a Focus Issue and would serve as guest editors.

4. *Technology.* When the AIS Council established its requirements for its publications, it specified that they should be electronic so that, as an information systems society, they would lead the way in our own technology. Although many CAIS articles would fit easily into conventional print journals, we have published a number that would not. These articles make use of the properties of the Web (including hyperlinks) and the ability to present material in color and, in one case, in multiple dimensions. We seek more articles that exploit the medium including those that use the video and audio capabilities of the web.

V. CONCLUSIONS

The editor and the members of the editorial board appreciate the support given the journal by our readers. We hope that in the year ahead we can continue to serve the interests of the information systems community.

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